AMENDMENTS TO THE SPECIFICATION

Please substitute the following amended version of paragraph [0021].

[0021] Embodiments of the present invention are supplemented by technical details of known probe systems. Some of the probe systems are described in publications. An apparatus and method for spectroscopic analysis of scattering media is described in U.S. Patent No. 5,303,026 by Karlheinz Strobl, Irving J. Bigio, and Thomas R. Loree, patented April 12, 1994. The disclosure of this patent is incorporated herein in its entirety by reference. A tumor tissue characterization apparatus and method is described in U.S. Patent No. 5,349,954 by Jerome J. Tiemann and Fay A. Marks, patented September 27, 1994. The disclosure of this patent is incorporated herein in its entirety by reference. An apparatus for tissue type recognition is described in U.S. Patent No. 5,800,350 by Coppleson et al, patented September 1, 1998. The disclosure of this patent is incorporated herein in its entirety by reference. A tissue diagnostic system is described in U.S. Patent No. 6,026,323 by Skladnev et al, patented February 15, 2000. The disclosure of this patent is incorporated herein in its entirety by reference. A multimodality instrument for tissue characterization is described in U.S. Patent No. 6,109,270. The disclosure of this patent is incorporated herein in its entirety by reference. A multisensor probe for identifying cancerous tissue in vivo is described in U.S. Patent Application ~~Serial~~ Number 2003/0045798 ~~09/xxx,xxx, filed September 4, 2001,~~ by Richard Hular et al, published March 6, 2003. The disclosure of this patent application is incorporated herein in its entirety by reference.